

Product datasheet for **SC301307**

Intestine specific homeobox (ISX) (NM_001008494) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Intestine specific homeobox (ISX) (NM_001008494) Human Untagged Clone
Tag:	Tag Free
Symbol:	Intestine specific homeobox
Synonyms:	Pix-1; RAXLX
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001008494 edited

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TCCACTGGCACCCTCCTTGGCCTACACAGAGTCACCCCTGAGCCCCTCAATGTGTGCTGA
GGTGGGCCCTGCTCTCTGCAGGGGTATGGAGAGAAATAGCTTGGGGTGCTGTGAGGCCCC
GAAGAAGCTGGGCCTGTCTTCTCCATCGAGGCGATCCTAAAGAGGCCTGCCAGGAGGAG
TGATATGGACAGACCAGAAGGGCCAGGTGAAGAGGGCTCCGGAGAAGCTGCGGCCTCAGG
CTCTGGGCTAGAAAAGCCTCAAAGGACCAGCCCCAGGAAGGAAGGAAGCAAGCGGAG
GGTTCGTACCACCTTCACCACTGAGCAGCTGCATGAGCTGGAGAAGATCTTCCACTTTAC
CCACTACCCAGACGTTACATCCGCAGCCAGCTGGCAGCCAGGATCAACCTCCAGAAGC
TCGGGTGCAGATCTGGTTCAGAATCAGCGAGCCAAGTGGCGGAAGCAGGAGAAGATTGG
CAACCTGGGGGCTCCACAGCAGCTGAGTGAAGCCAGTGTGGCCCTGCCACAAATCTGGA
TGTGGCTGGGCCCACGTGGACATCCACTGCTCTGCGCAGGCTGGCTCCTCCACGAGCTG
TTGTCCATCGGCTCAAGATCAGCTGGCCTCTGCCTGGTTCCCTGCCTGGATCACCCCTCT
CCCAGCGCACCCATGGGAAACACAGCCTGTCCCAGGTCTTCCCATCCATCAAACCTGCA
CCCTGTGCTATGCATCCTTCCACCTCCACCCCAATGGGGCAGCATCTGTGCTACTTC
AACATAGAGATTGGACATGCTCTCCCAATGAGCCACTTTCCTCTCCAGGTGAAGGCAG
GTAGCAGATGTGCCCTGGGCC
  
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Restriction Sites:	Please inquire
ACCN:	NM_001008494
Insert Size:	900 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).


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OTI Annotation:	The ORF of this clone has been fully sequenced and found to contain 2 SNPs compared with NM_001008494.1.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001008494.1, NP_001008494.1</u>
RefSeq Size:	3401 bp
RefSeq ORF:	738 bp
Locus ID:	91464
Cytogenetics:	22q12.3
Gene Summary:	Homeobox genes encode DNA-binding proteins, many of which are thought to be involved in early embryonic development. Homeobox genes encode a DNA-binding domain of 60 to 63 amino acids referred to as the homeodomain. This gene is a member of the RAXLX homeobox gene family. [provided by RefSeq, Jul 2008]